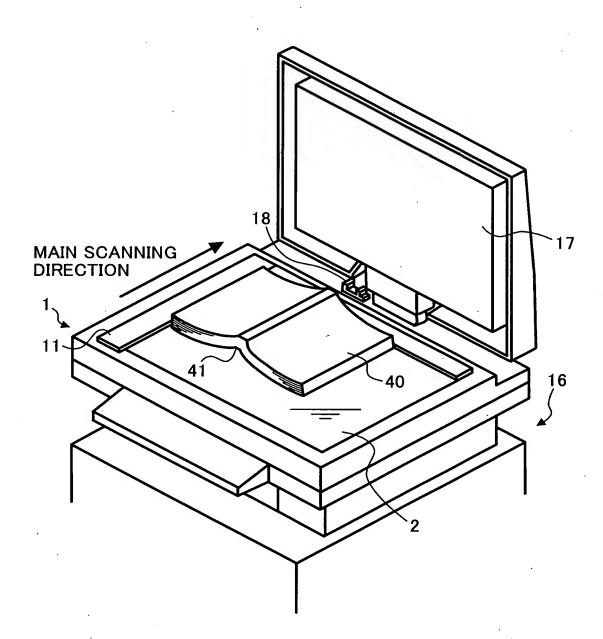
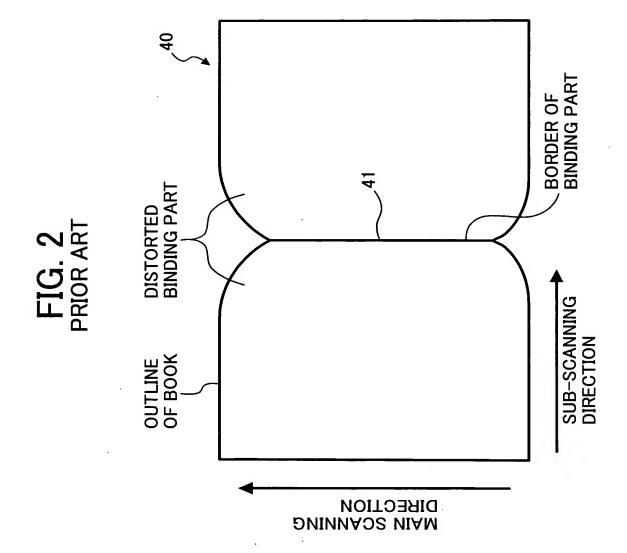
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FIG. 1 **PRIOR ART**

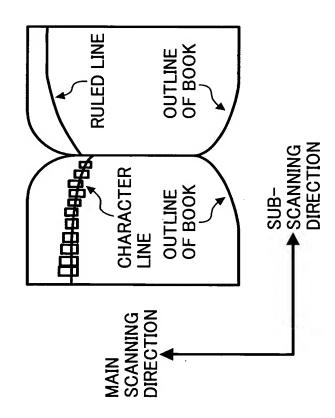




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RULED LINE OUTLINE OF BOOK CHARACTER LINE OUTLINE OF BOOK

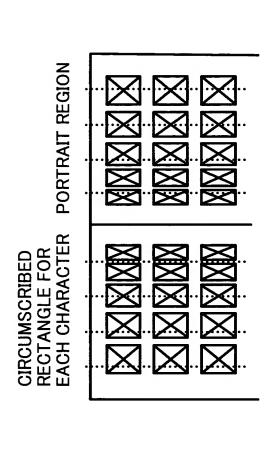


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FIG. 4B

CURVE AT BEGINNING OF LINE CURVE AT END OF LINE FIG. 4A SUB-SCANNING DIRECTION MAIN SCANNING DIRECTION

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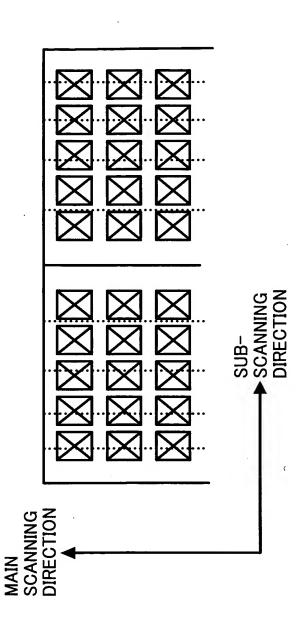
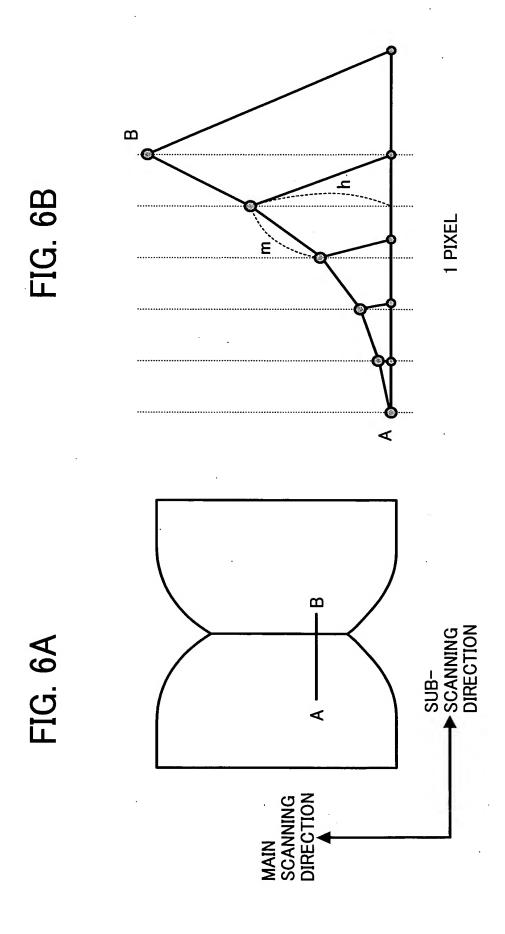


FIG. 5B

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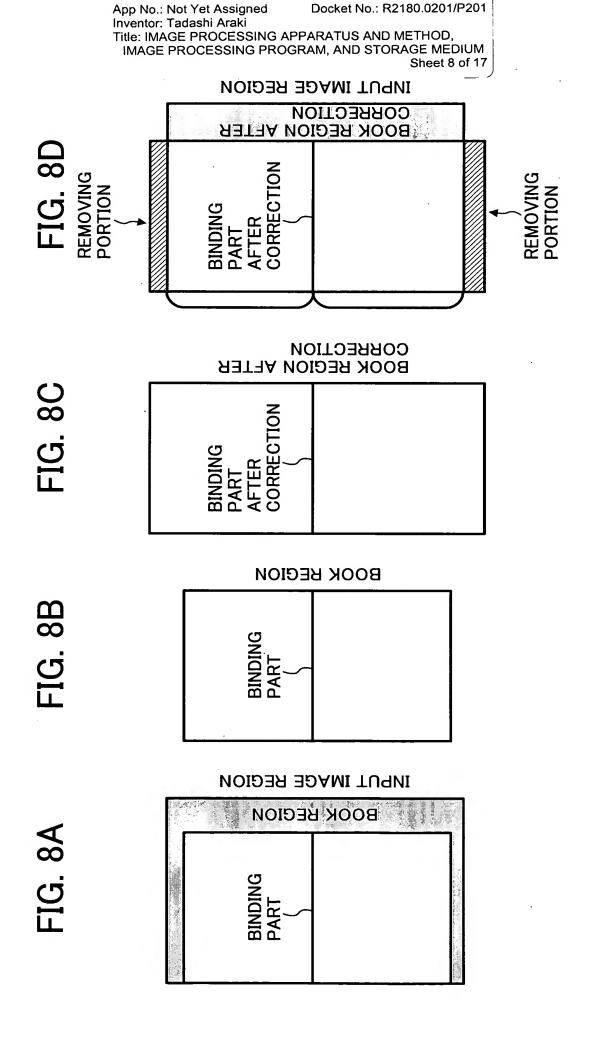
Sheet 7 of 17 **INPUT IMAGE REGION** CORRECTION FIG. 7D **BOOK REGION AFTER** CORRECTION **BOOK REGION AFTER BOOK BECION** BINDING PART **INPUT IMAGE REGION** FIG. 7A **BOOK BECION** BINDING PART

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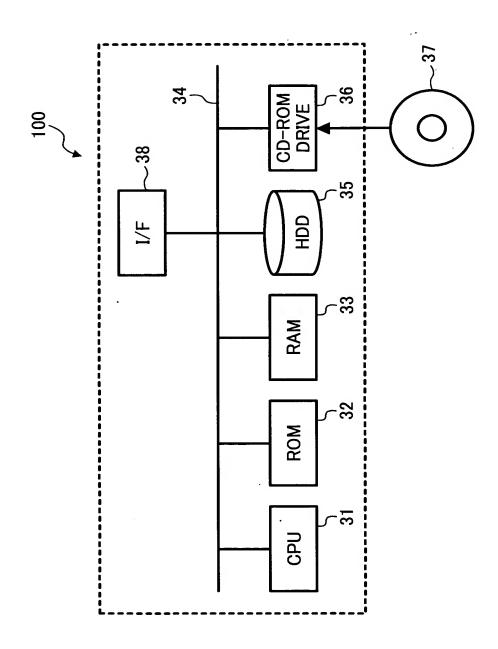
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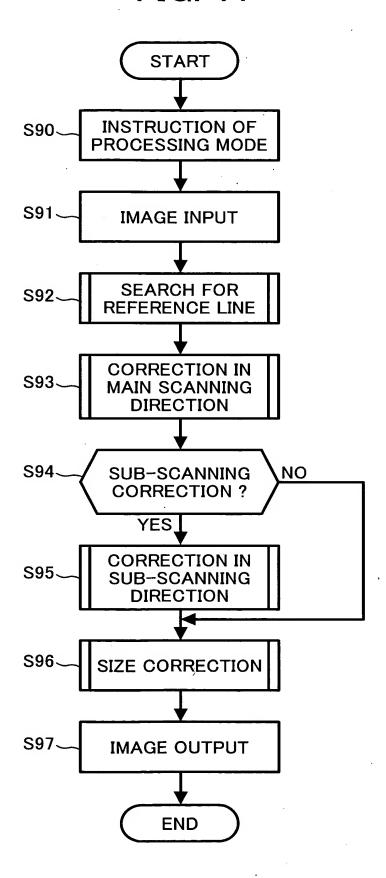
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FIG. 11

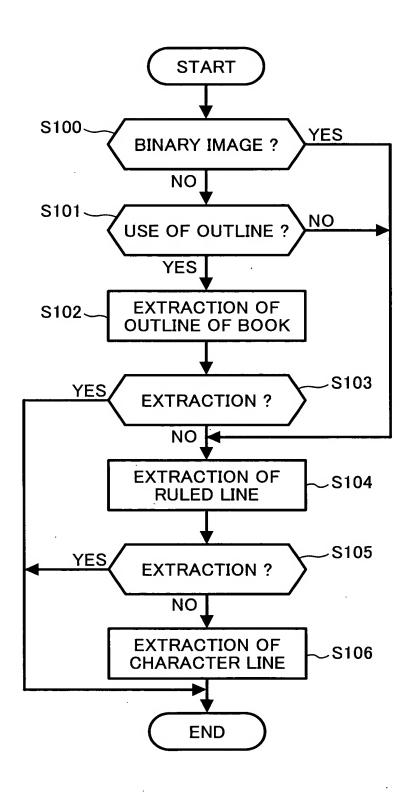


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FIG. 12



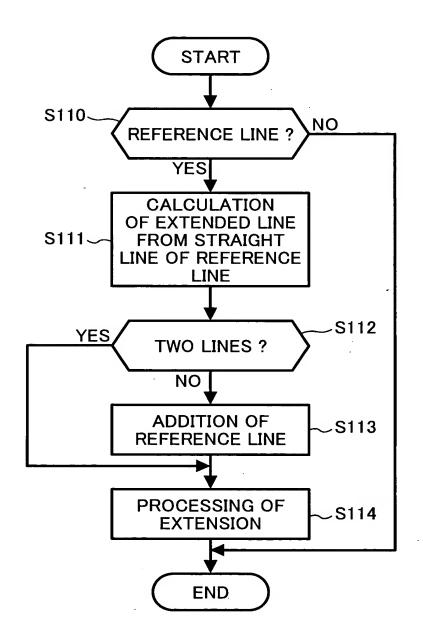
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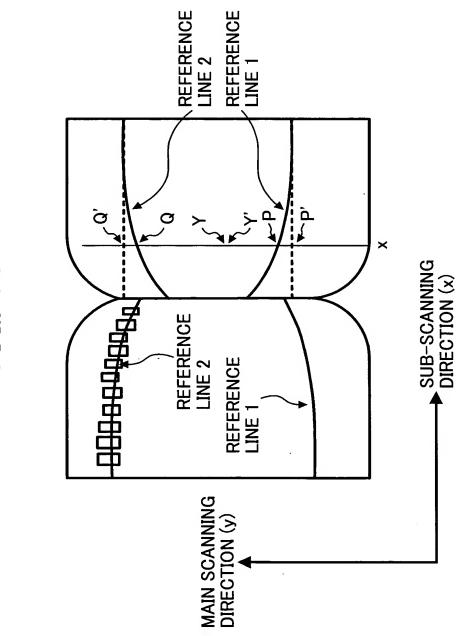
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FIG. 13



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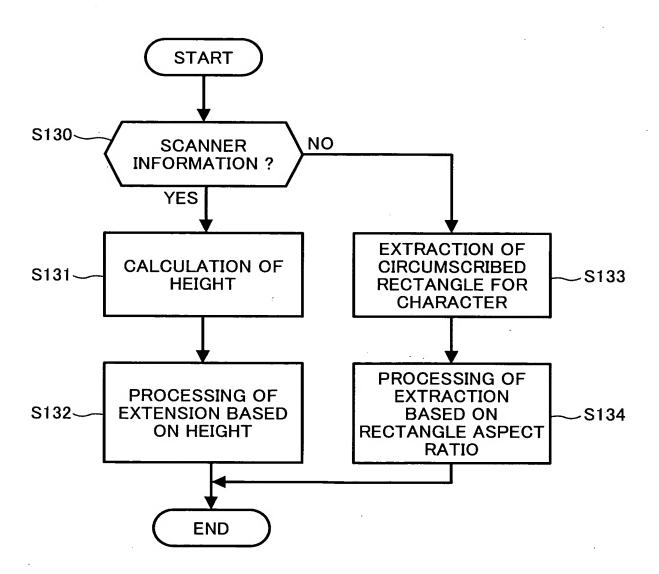


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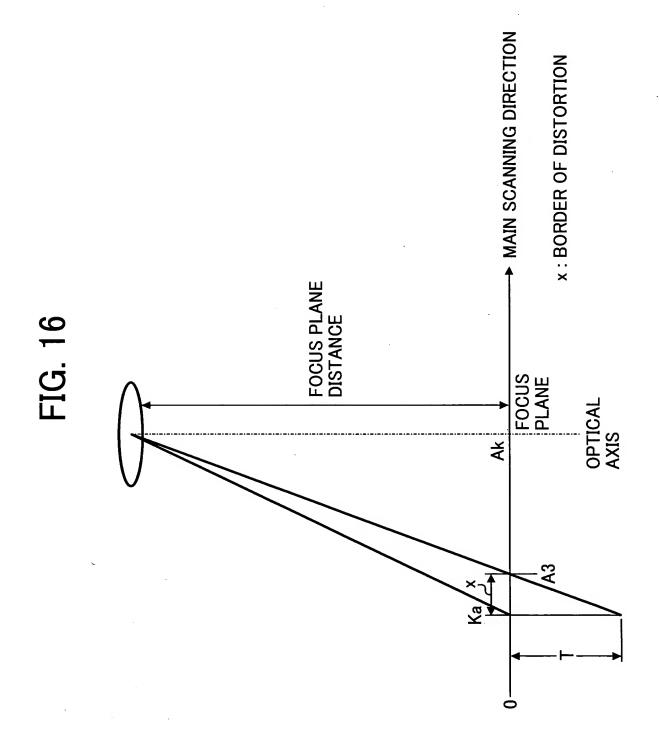
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FIG. 15



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FIG. 17

